

Abstract

An object of the present invention is to provide technology in which an HA is capable of efficiently maintaining registration information of an MR, and
5 communication efficiency in registration/update processing between the HA and the MR is improved.

A mobile node has a representative home address, a subsidiary home address, and a care-of address, and registers information (joint information) showing the relation between the representative home address, and all subsidiary
10 home addresses, and the care-of address with the home agent, each time the mobile node moves to other network and is assigned a new care-of address. The home agent receives a registration request for the joint information, and stores the registered information, and if a packet destined for the representative home address, or any subsidiary home address arrives from any correspondent node, retrieves the
15 joint information including the address from the registered information maintained thereby, and transfers the packet to the corresponding care-of address.